

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Art Unit 2134

Levy et al.

Conf. No.: 1278

Application No.: 09/731,456

Filed: December 6, 2000

For: AUTHENTICATING MEDIA SIGNALS BY  
ADJUSTING FREQUENCY  
CHARACTERISTICS TO REFERENCE  
VALUES

**VIA ELECTRONIC FILING**

Examiner: P. Poltorak

Date: June 12, 2006

**INFORMATION DISCLOSURE STATEMENT**

MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants submit herewith information of which they are aware, and which they believe may be material to the examination of the application and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. The information is listed on the attached Form PTO-1449. Copies of the non-patent references are attached.

This information disclosure statement is being filed after the mailing date of a First Office Action on the merits and before the first mailing date of Final Office Action (37 C.F.R. § 1.113), or Notice of Allowance (37 C.F.R. § 1.311).

The submission of information on the attached Form PTO-1449 is not intended as an admission that any such information constitutes prior art against the claims of the application under examination. Applicants do not waive any right to take any appropriate action to antedate or otherwise remove any information from the attached Form PTO-1449.

Please charge the fee of ~~\$180.00~~ under 37 C.F.R. § 1.17(p) and any additional fees or credit any overpayment in connection with the filing of this Information Disclosure Statement to Deposit Account No. 50-1071.

Date: June 12, 2006

Respectfully submitted,  
DIGIMARC CORPORATION

CUSTOMER NUMBER 23735

Phone: 503-469-4800  
FAX 503-469-4777

By   
Joel R. Meyer  
Registration No. 37,677

<b>INFORMATION DISCLOSURE STATEMENT</b>	Docket: P0249	Ser. No. 09/731,456
	Applicant: Levy et al.	
	Filed: 12/6/00	Group: 2621

US Patent Publication Documents				
Ex'r Initial	Number	Date	Inventor	Class
	2001/0024510	9/27/01	Iwamura	
	2002/0076082	6/20/02	Arimura et al.	
	2002/0095577	7/18/02	Nakamura et al.	
	2002/0114456	8/22/02	Sako	

US Patent Documents				
Ex'r Initial	Number	Date	Inventor	Class
	6,272,176	8/7/01	Srinivasan	
	6,785,815	8/31/04	Serret-Avila et al.	
	6,834,344	12/21/04	Aggarwal	

Other References	
Ex'r Initial	Cite
	Matsui et al., "Video-Steganography: How to Secretly Embed a Signature in a Picture", IMA Intellectual Property Project Proceedings, Vol. 1 Issue 1, January 1994, pp. 187-204.
	Swanson et al., "Robust Data Hiding for Images", IEEE Digital Signal Processing Workshop Proceedings, Sept. 1-4, 1996, pp. 37-40.
	Zhu et al., "Transparent Robust Authentication and Distortion Measurement Techniques for Images", IEEE 1996, pp. 45-48.
	O'Ruanaidh et al., "Rotation, Scale and Translation Invariant Digital Image Watermarking", International Conference on Image Processing, Vol. I of III, IEEE Signal Processing Society, October 26-29, 1997, pp. 536-539.
	Yeung et al., "Digital Watermarks: Shedding Light on the Invisible", IEEE 1998, pp. 32-41.
	Yeung et al., "An Invisible Watermarking Technique for Image Verification", International Conference on Image Processing, Vol. I of III, IEEE Signal Processing Society, October 26-29, 1997, pp. 680-683.
	Zhao et al., "Embedding Robust Labels into Images for Copyright Protection", Proc. Of the International Congress on Intellectual Property Rights for Specialized Information, Knowledge and New Technologies (Vienna, Austria, August 21-25, 1995), 10 pages.
	Koch et al., "Digital Copyright Labeling: Providing Evidence of Mis-use and Tracking Unauthorized Distribution of Materials", OASIS Magazine, December 1995, 3 pages.
	Koch et al., "Towards Robust and Hidden Image Copyright Labeling", Proc. Of 1995 IEEE Workshop on Nonlinear signal and Image Processing (Nicos Marmaras, Greece, June 20-22, 1995), 4 pages.

Examiner Signature:

Date Considered:

\*Examiner: Initial if considered, whether or not in conformance with MPEP 609; draw line through cite if not in conformance and not considered. Include copy of this form with next communication to applicant.